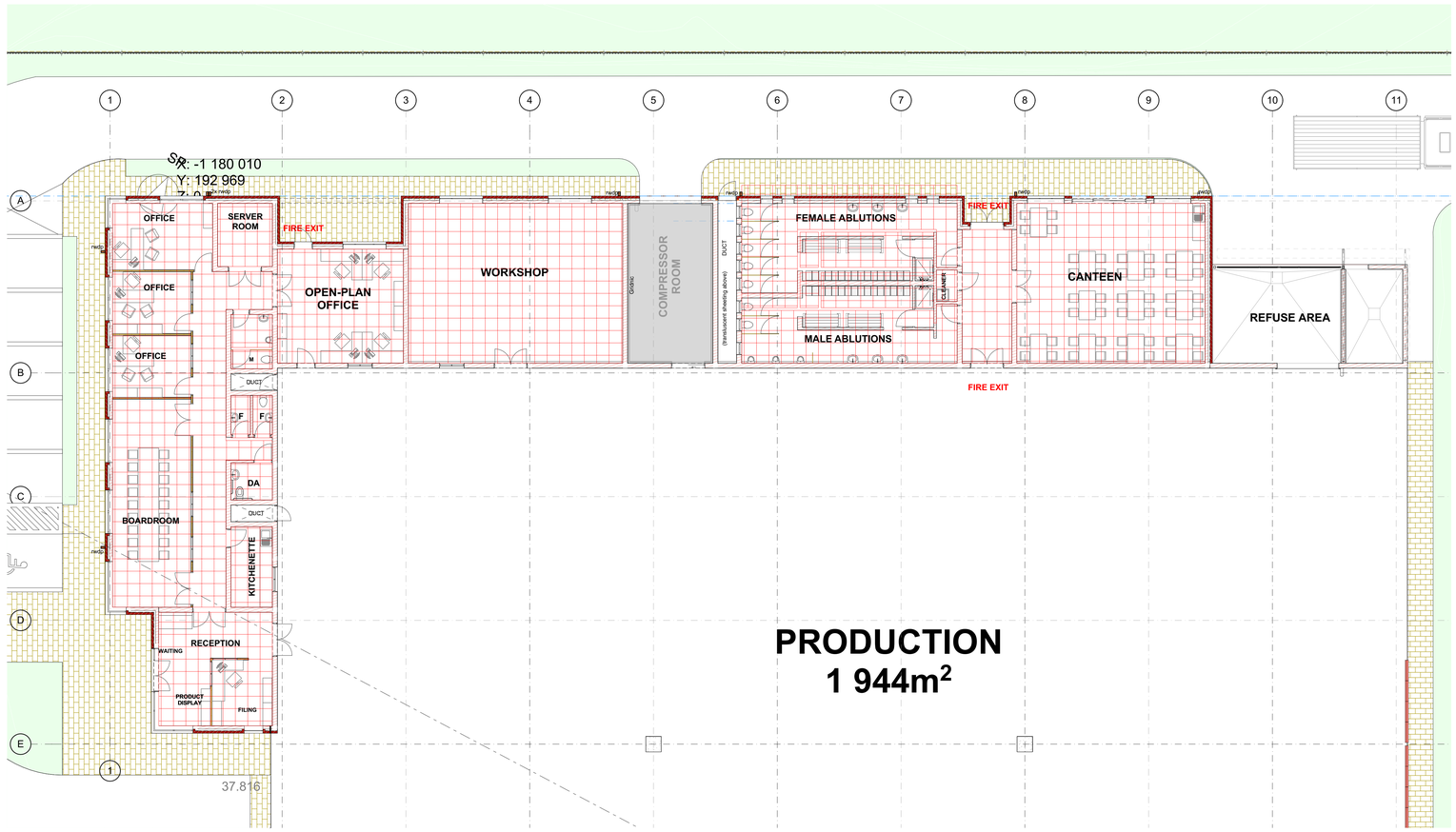
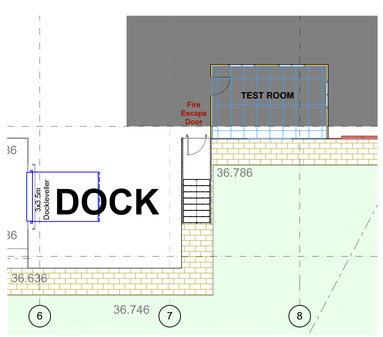
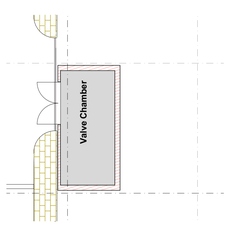


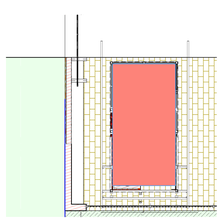
CEILING PLAN 1:100



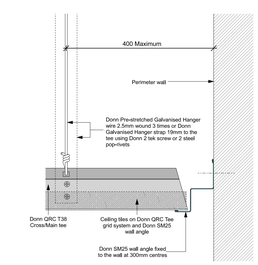
CEILING PLAN - TEST ROOM 1:100



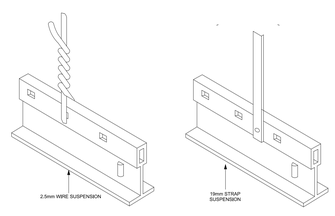
VALVE CHAMBER 1:100



GATEHOUSE 1:100



Wall Angle Perimeter Detail
scale: NTS



Suspension Detail
scale: NTS

CEILING LEGEND

Off shutter concrete finish

Lay Gyproc Gyprex Frost White 600mm x 600mm ceiling tile into the Donn ceiling grid. Ceiling grid consisting of Donn Wall Angle (SM25/M6) fixed to the perimeter wall using fixings at 300mm centres. Space Donn Main Tees T38 FR at 1200mm centres. Suspend main tees using Donn Pre-stretched Galvanised Hanger wire 2.5mm thick or Donn hanger strap 19mm at 1200mm centres. Donn Pre-stretched Galvanised Hanger wire shall be put through the main tees hole and would wind 3 times around itself. 2 steel pop-rivets or one Gyproc Wafer Head Tek screw 13mm shall be used to fix the hanger strap to the main tees web. Install Donn Cross Tees T38/VT32V (1200 long) at 600mm centres to create a 1200mm x 600mm ceiling grid. Install Donn Cross Tees T38/VT32 (600 long) into the 1200mm long cross tees to create a 600mm x 600mm grid. Main tee should be fixed to the wall using angle cleats.

- Ceiling System: Gyproc Exposed Ceiling System Gyprex Frost White 600 x 600mm
- Ceiling Grid: exposed ceiling grid.

1 layer Gyproc RhinoBoard 12.5mm is fixed to Donn Steel Brandering installed at maximum 600mm centres. Fix Gyproc RhinoBoard using Gyproc RhinoBoard Sharp Point Screws 25mm at maximum 150mm centres. All joints shall be staggered. Apply Gyproc RhinoTape to all joints and skim the ceiling using Gyproc RhinoLite/Gyproc Creatstone. Ceiling grid consisting of Donn Suspension Brackets fixed to tie beam/joist using one line of 2 Gyproc RhinoBoard Sharp Point Screws 35mm. Install Donn Galvanised Steel Angle 25mm x 25mm at ceiling level to the wall running perpendicular to the direction of steel brandering. Install Donn Steel Brandering onto the suspension brackets. Fix steel brandering to the galvanised steel angle using Donn Wafer Head Tek Screws 13mm. Install Gyproc RhinoArt Cove fixed Gyproc RhinoBed or Gyproc RhinoArt Cornice fixed using Gyproc RhinoArt adhesive. Install Isover 100mm thick Aerolite non-combustible light weight Glasswool thermal ceiling insulation, nominal density 12kg/m³.

- Ceiling System: Gyproc Skimmed Ceiling System 12.5mm/SB
- Ceiling Grid: concealed ceiling grid
- Climatic zone: Zone 5
- R-value: 2.50m² K/W
- Thermal conductivity: 0.04 W/m²/K.

75mm ISOPANEL CEILING, laid in accordance to manufacturers specification

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GENERAL NOTES

The contractor is to keep a full set of drawings on site, contractor is responsible for the correct setting out of the building on site with reference to boundaries and building lines, contractor to verify all levels and dimensions on site and check same against architects and engineers drawings before commencing work. Figured dimensions to be used in preference to scaled dimensions. Any discrepancies in the drawings noted are to be reported to the architect immediately for clarification before work is undertaken.

These drawings are to be read in conjunction with structural engineers, civil engineers, mechanical engineer's or plumbing consultant's drawings were specified.

All work and material used to comply with SABS standards and NATIONAL BUILDING REGULATIONS SANS 10400 and amendments thereto as well as the by-laws of the relevant local authority.

All new construction HEALTH AND SAFETY Regulations to be strictly complied with.

REVISIONS

RevID	ChID	Change Name	Date

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OE discipline leader	Date	Signed
Architect:		
Civil Engineer:		
Structural Engineer:		
Mechanical Engineer:		
Electrical Engineer:		

PROJECT

MANUFACTURING FACILITY - IW4
IN ZONE 1A
EB - DRG - 11 - 20 - Z1A

LOCATION

ERF NO: 60948 & 60950
IDZ EAST LONDON

ISSUED FOR

TENDER

DRAWING

CEILING PLANS

PROJECT NO:	252
DRAWING NO:	GA 05.7.1
Scale:	See Drawing
Date:	2021/06/03
DRAFTING AND DESIGN TEAM	
Drawn by:	A.T.
Checked by:	C.G.

APPROVAL DRAWING

Name: J.J. Gouws — SACAP No. 21345 / SAIA No. 8545
Signed: — Date:
Practice: Intsika Architects — SAIA No. PI3725

GA 05-7.1 **REV**